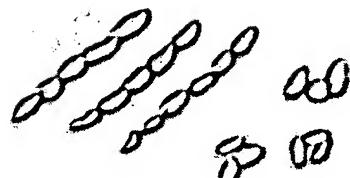
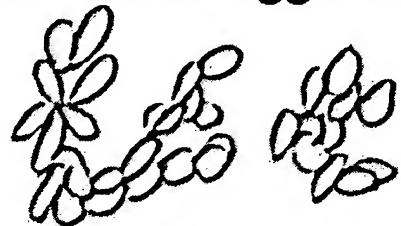
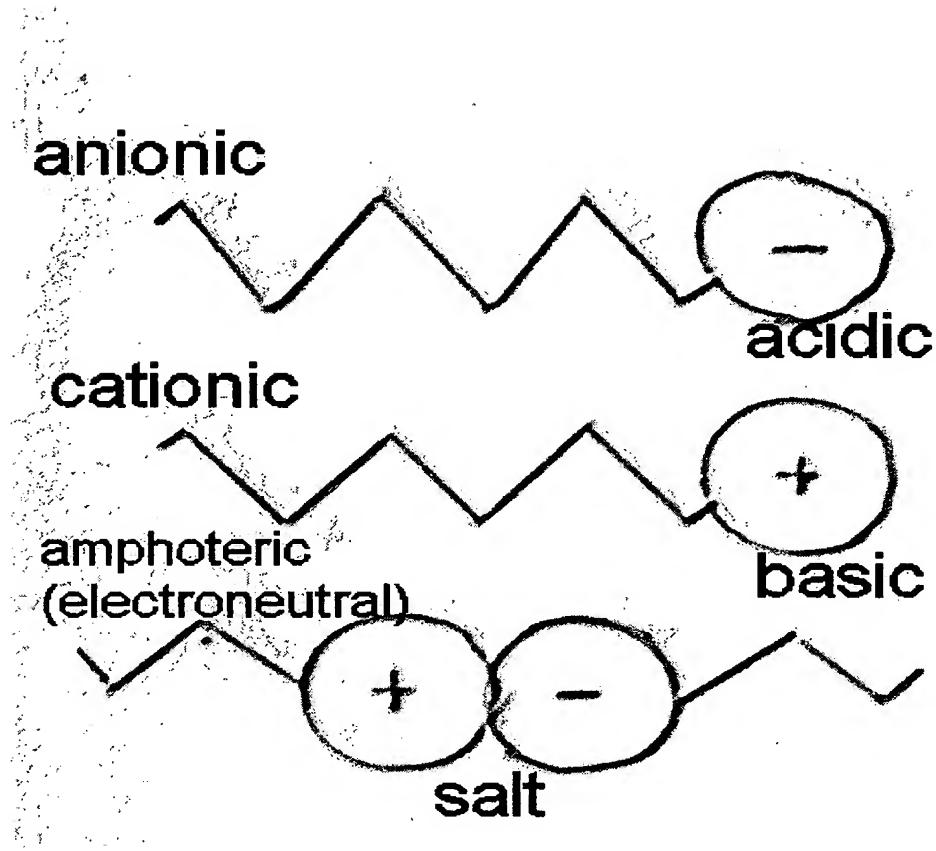


manufactured agglomerates



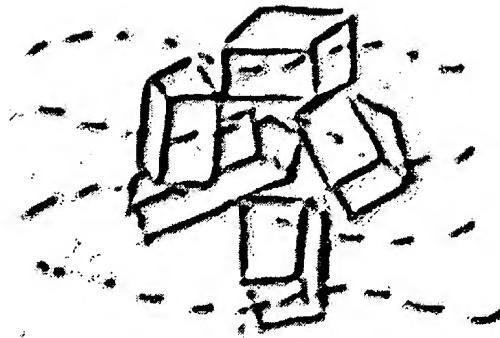
dispersed aggregates

**FIGURE 1**

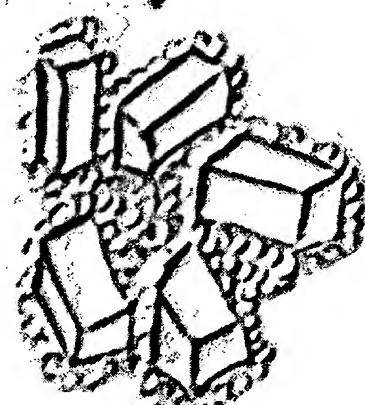


**FIGURE 2**

wetting  
(physical  
energy)



Stabilizing  
(chemical  
energy)



Shear  
(mechanical  
energy)

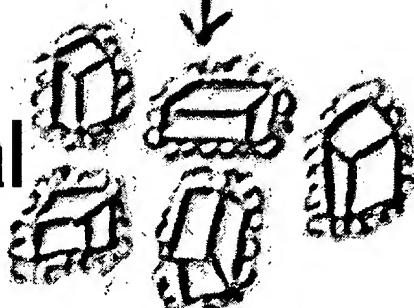


FIGURE 3

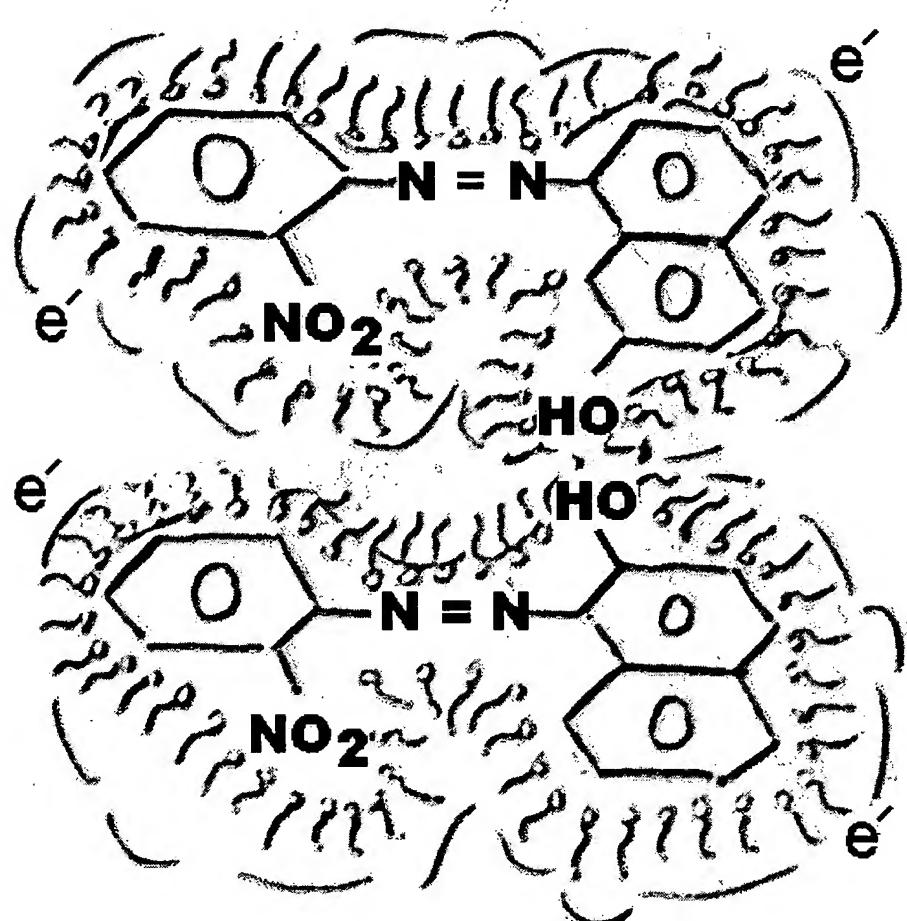
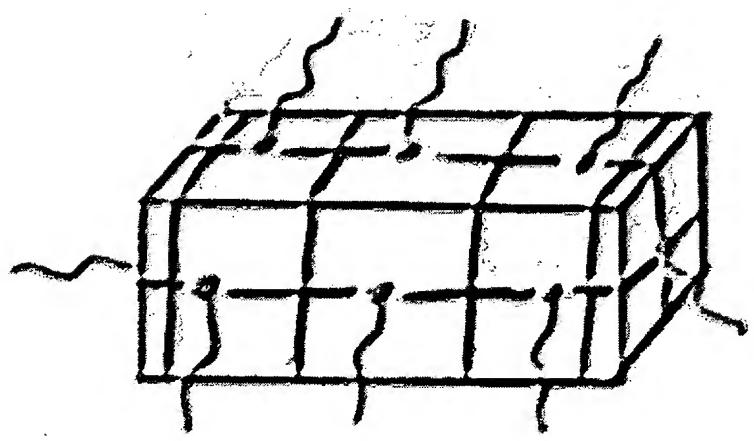
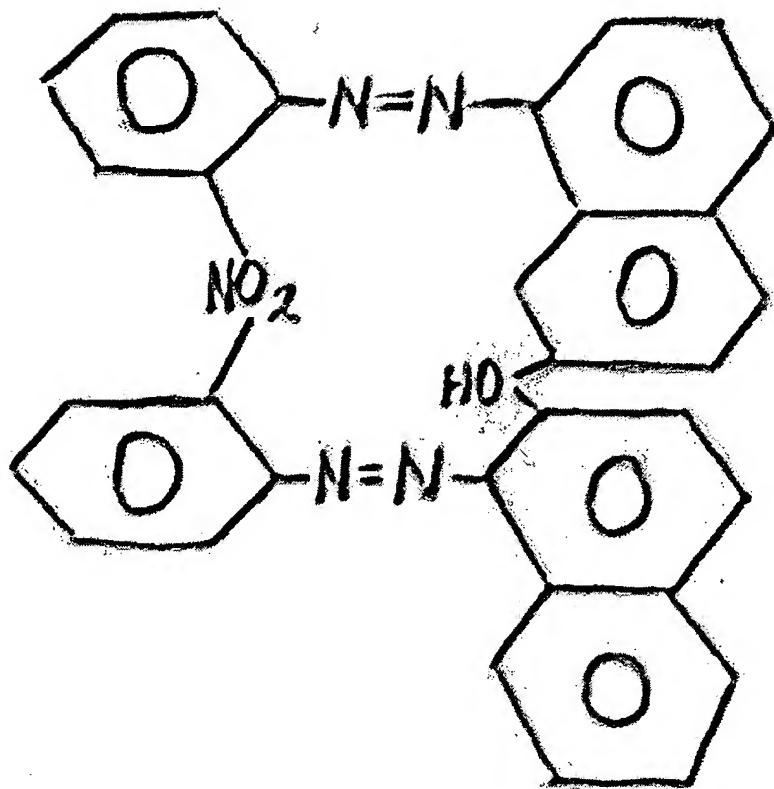


FIGURE 4

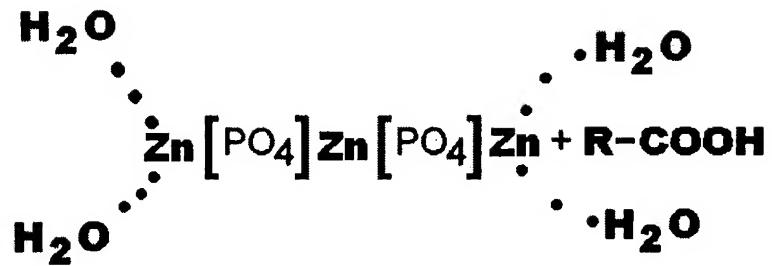


**FIGURE 5**

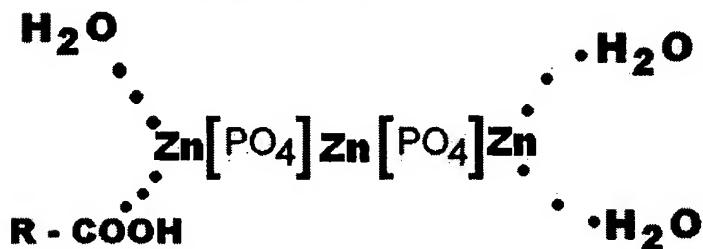


**FIGURE 6**

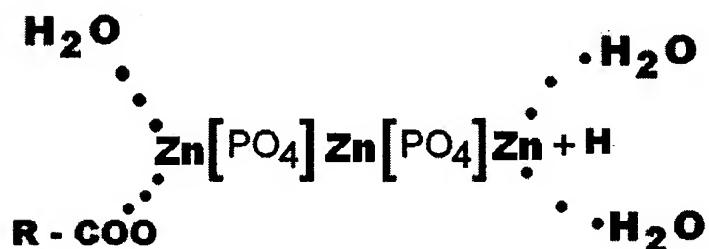
**W/R Prim r**



**Exchange  
Reaction**



**Dissociation  
Complex Acid**



**Reaction  
Substrate**

**FIGURE 7**